

MARSHALL STAR

Serving the Marshall Space Flight Center Community

Dec. 12, 2002

Skylab solar panel loaned by Marshall

Newest exhibit at U.S. Space & Rocket Center

by Bob Jaques

After almost 30 years of storage at the Marshall Center, an original solar panel made for Skylab — America’s first experimental space station — is now on display at the U.S. Space & Rocket Center in Huntsville.

The solar panel — measuring 31 feet by 27.3 feet and weighing 2,288 pounds — is one of two built as a backup for Skylab. It was loaned to the Space & Rocket Center for display purposes by Marshall in October and hangs in the main area of the museum. The other Skylab backup solar panel has been on display at the Smithsonian National Air and Space Museum in Washington, D.C., for many years.

The solar panel backups were to be used in case of damage to the primary panels during vehicle integration, testing or transportation before launch.

Due to advances in solar array technology, the solar panel no longer was feasible as an actual piece of flight hardware and Marshall loaned it to the Space & Rocket Center.

Skylab made extensive use of Saturn and Apollo equipment, and was actually an Apollo Saturn V third stage completely outfitted as an orbiting workshop. Its purpose was to prove that humans could live and work in space for extended periods and to expand knowledge of solar astronomy beyond that gathered by Earth-based observatories. Three, three-man crews conducted nearly 300 scientific and technical experiments aboard the station between 1973 and 1974.

Power for Skylab’s experiments and crew quarters, housed in the orbital workshop area of the station, were to be supplied by

See Skylab on page 2



Photo by Emmett Given, NASA/Marshall Center

McDaniel reappointed to NASA Advisory Council

Huntsville attorney Mark McDaniel addresses Marshall team members last Monday during a “Washington Update” hosted by U.S. Rep. Bud Cramer. Cramer presented McDaniel with a letter from NASA Administrator Sean O’Keefe reappointing McDaniel to a second, two-year term on the NASA Advisory Council. The Council reviews and recommends policy on NASA programs to O’Keefe. Looking on, from left, are Cramer, Deputy Director of the Customer and Employee Relations Directorate Susan Cloud, and Marshall Center Director Art Stephenson.

Marshall Star holiday publication schedule, classified ad guidelines

The Marshall Star, which is published 50 times per year, is not published during the last week of December or the first week of January. This year, the last issue of the Star will be Dec. 19. Publication will resume Jan. 9.

Classified ads are due no later than noon on Mondays and are limited to 15 words, including the home phone number of the seller. As with stories submitted for consideration of publication in the Star, all ads are subject to editing for length and clarity. Civil servants, contractors and Marshall retirees may run ads free of charge, but may not run ads for friends or acquaintances. The Star does not accept ads for real estate, or for goods and services manufactured or provided as a home occupation or regular business.

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Skylab

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two solar panels – each located on one side of the spacecraft. These panels were to be deployed once Skylab reached its intended orbit. Each Skylab solar panel contained 73,920 solar cells to convert solar radiation directly into 6 kilowatts of electricity.

Due to vibrations during Skylab's launch on May 14, 1973, a meteoroid shield was torn loose — ripping off one of the solar panels. Part of the meteoroid shield wrapped around the remaining panel and prevented it from deploying properly. Without electricity to cool the station, temperatures inside the orbital workshop area rose to more than 125 degrees F, delaying the launch of Skylab's first crew — Charles Conrad, Paul Weitz and Joseph Kerwin — by 10 days.

Engineers at Marshall worked feverishly to find a solution to the overheating problem. A parasol was made



Skylab in orbit, November 1973



Photo by Doug Stoffer, NASA/Marshall Center

The backup Skylab solar panel on display at the U.S. Space & Rocket Center

that could be placed over the orbital workshop area of Skylab to reflect incoming solar rays and lower the inside temperature to a workable 75 degrees F.

During a series of three spacewalks, Conrad and Kerwin were able to deploy the parasol and free the one solar array panel that had been stuck with remnants of the meteoroid shield.

Two additional three-man crews eventually flew to Skylab and successfully lived and conducted scientific experiments in the orbital workshop. The last crew left Skylab in February 1974. The empty Skylab spacecraft broke up during a fiery

re-entry into the Earth's atmosphere over the Indian Ocean and Western Australia on July 11, 1979.

The backup Skylab solar panel, after spending three decades in storage, is a unique reminder of America's first space station and the role Marshall played in its development, as well as a historical piece of space history.

The writer, employed by ASRI, supports the Marshall Center's history functions. Jonathan Baggs, an employee of ASRI and editor of the Marshall Star, contributed to this story.

Star

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Due to the volume of ads received during the holiday season, some may be held for publication in the following issue because of space limitations. Every effort will be made to include all ads submitted for each issue.

Go to intercom@msfc.nasa.gov to submit a classified ad by e-mail. Onsite Marshall team members also can go to "Inside Marshall" and click on "News Sources," then "MSFC News" and find a form for submitting an ad electronically to the Star.

Classified ads also can be mailed to the Marshall Internal Relations and Communications Department, CD40, Bldg. 4200, Room 101, Marshall Space Flight Center, 35812.

The Star office will close Dec. 20 and reopen Jan. 6. Classified ads still can be submitted during this time and will be

included, depending on the number received, in the Jan. 9 issue.

Please direct questions concerning stories for publication to Jonathan Baggs, Marshall Star editor, at 544-3749. For more information on classified ad policies, call Janie Crawford at 544-0514.

Fire extinguisher maintenance and repair offered at Marshall Friday

Marshall team members may bring their home fire extinguishers to Bldg. 4752 from 8:30-noon Friday for maintenance and repair. North American Fire Equipment Co. representatives will be on hand to refill, repair or refill extinguishers and also scuba tanks. For a list of fees, see "Inside Marshall."

Henderson named chief operating officer for National Space Science and Technology Center

by Celeste Atkins

Robin N. Henderson has been named chief operating officer of the National Space Science and Technology Center in Huntsville.

The center, which enables cutting-edge research by placing scientists and educators together in one facility, is operated by a partnership that includes the Marshall Center and the Alabama Space Science and Technology Alliance - a group of seven Alabama universities, and industry affiliates.

In her new position, Henderson will be responsible for day-to-day management and operations of the space science center and for making strategic planning recommendations to the center's executive director.

"Being a part of a collaborative effort that advances science and technology while training the next generation of scientists and engineers is equally challenging and rewarding," Henderson said. "And having the opportunity to do this kind of work in the area where I grew up is an added bonus."

Henderson, a native of Decatur, joined the Marshall Center in 1983, working in the Program Planning and Control Office for the Hubble Space Telescope - the first of NASA's great observatories. In 1986, she accepted a one-year assignment at NASA Headquarters in Washington, working on development of the



Henderson

International Space Station. She returned to the Marshall Center in 1987 as assistant manager in the Space Systems Project Office. During that time, Henderson served in a number of key roles, including business manager for both the Upper Stage Projects Office and the Microgravity Projects Office. In 1998, Henderson was named deputy director for the Center's Microgravity Research Program Office.

During her career at Marshall, Henderson has received a number of awards, including NASA's Exceptional Achievement Medal for outstanding contributions in planning and developing multiple microgravity projects. She also has received several NASA Group

Achievement Awards, and a number of Special Service Awards. In 1993, she was the only NASA employee selected - out of more than 400 federal workers - to attend a program management training course sponsored by the Department of Defense in Fort Belvoir, Va.

Henderson earned a bachelor's degree in industrial engineering from the University of Alabama in Tuscaloosa in 1983.

The writer, employed by ASRI, supports the Media Relations Department.

Pettus named to key IT management role at Marshall

by Celeste Atkins

Jonathan Pettus has been named manager of the Integrated Financial Management Program's Competency Center, a key element for operation of NASA's new set of integrated business systems being led by the Marshall Center.

In the newly created position, Pettus will oversee a group of business and information technology experts responsible for software development, technical architecture design, and hardware and software sustaining support for the new systems that will be used by all NASA Centers. The group most recently was responsible for the integration and technical architecture components of the critical financial management that has been implemented at both the Marshall Center and Glenn Research Center. The overall program goal is to increase efficiency of operations and provide

NASA decision makers with more timely and reliable information.

In his position, part of Marshall's Center Operations Directorate, Pettus will be responsible for all aspects of the information technology needed for the new financial management program.

Pettus previously served as integration project manager of the Integrated Financial Management Program at Marshall.

Pettus joined the Marshall Center in 1991 as an electronics engineer in the Institutional and Program Support Office, where he helped develop Marshall's first Web site. In 1997, he became a computer engineer in Marshall's Information Services Department, where he designed software that provided all employees access to NASA business information.

Pettus earned a bachelor's degree in math and computer science in 1987 from



Pettus

the University of North Alabama in Florence. In 1995, he earned a master's degree in computer science from the University of Alabama in Huntsville.

Marshall Center's 'Holiday Reception'

It was a "Festival of Trees" in Bldg. 4316 at the Marshall Center last Tuesday as team members gathered for food, music and fun.

White pine trees were donated to each organization for decorating and a "path" led participants through the merry holiday forest. The trees will be replanted on the Center grounds.

Marshall team members also donated food for the North Alabama Food Bank and toys for the Salvation Army.



Photos by Terry Leibold, NASA/Marshall Center

Marshall Director Art Stephenson and his wife, Loa, enjoy the trees and decorations.



Photo by Dennis Olive, NASA/Marshall Center

Pete Rodriguez and Angela Storey kick up their heels during the reception.



Marshall team members enjoy the food.



Chieko Inman, right, and a friend share some laughs.



The band "Trail Mix" includes Marshall team members, from left, Jose Matienzo, Tommy Thompson, Luis Trevino, Steve Reichert and Walter Robinson.

celebrates with 'Festival of Trees'



"Santa Claus," also known as Andrew Berryman, pays a visit. He later sang the National Anthem.



Marshall Deputy Director David King and his wife, Lisa.



Andrea Ise and Willie Love are all smiles.



Tommy Thompson feeling festive. Did we mention the food?



Ann Whitaker, director of Marshall's Science Directorate, with her office tree.



Roslin Hicks smiles for the camera as she samples some of the pastries.

Matienzo, Wales, win Exchange Council seats in election; begin two-year terms in January

from the NASA Exchange

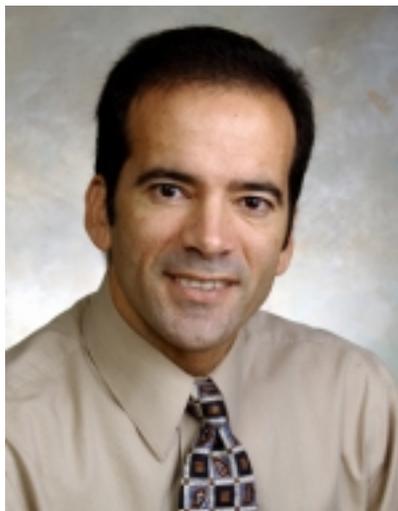
Jose Matienzo, TD03, and May Wales, AD62, won election to the NASA Exchange Council during voting that ended Dec. 5.

Both will begin serving two-year terms on the Council beginning in January.

A total of 608 Marshall civil service employees voted.

The Council sets policy for Wellness Center activities and the Exchange Store, located in Bldg. 4203.

Matienzo and Wales will join current members of the Exchange Council: Axel Roth, Steve Durham, Sharal Huegele, George Myers and Larry Gagliano.



Matienzo



Wales

Photos by Marshall Imaging Services

Final major Space Station segments head to launch site

Kennedy Space Center release

The final pieces of what will become the longest structure in space, the International Space Station's football-field-long backbone, are being shipped to Florida this week.

Designated "Starboard 6 (S6)," the truss segment is the 11th and final piece of the Station's Integrated Truss Structure and is being shipped in two segments — the Integrated Equipment Assembly (IEA), and the truss Long Spacer. The segments are being shipped from the Johnson Space Center in Houston to the Kennedy Space Center in Florida.

The two pieces will be joined together prior to the S6 launch, scheduled in 2004.

The S6 shipments mean virtually all the U.S. core structure of the Station is either in orbit or being readied for launch. Only one

major Station core component awaits shipment -- the second connecting module, Node 2, being completed in Italy.

The S6 truss weighs 26,000 pounds and measures 45 feet long. Its assembly in orbit will complete a 356-foot-long span across the Space Station. The span will support a half-acre of solar arrays, massive station cooling systems and a railway to allow a robotic arm to relocate for Station maintenance.

The S6 will include the fourth and final set of Station solar arrays, batteries and electronics. The S6 will spend a little over a year at Kennedy Space Center being readied for launch.

More than 390,000 pounds of Station components are in orbit. Approximately 110,000 additional pounds, including S6, are being readied for launch during the next 14 months.

Job announcements

MS03N0016, AST, Aerospace Flight Systems. GS-0861-13, Flight Projects Directorate, Flight Systems Department, Development and Integration Group. Closes Dec. 16.

MS03N0019, AST, Aerospace Flight Systems. GS-0861-14, Flight Projects Directorate, Flight Systems Department, Development and Integration Group. Closes Dec. 16.

MS03N0020, AST, Aerospace Flight Systems. GS-0861-14, Flight Projects Directorate, Flight Systems Department, Development and Integration Group. Closes Dec. 16.

MS03N0022, AST, Reliability. GS-861-14, Safety and Mission Assurance Office, Safety Reliability and Quality Assurance Policy, Assessment and Integration Department. Closes Dec. 24.

MS03N0023, AST, Reliability. GS-861-13, Safety and Mission Assurance Office, Safety Reliability and Quality Assurance Policy, Assessment and Integration Department. Closes Dec. 24.

Obituaries

Green, Jacob B., 80, of Huntsville, died Nov. 18. He retired from the Marshall Center in 1974 as an electronics technician. He is survived by his wife, Winfred L. Green.

Kennedy, Edith K., 81, of Huntsville, died Nov. 23. She retired from the Marshall Center in 1982 as a clerk. She is survived by her daughter, Peggy Geddings.

Richard, Ludie G., 79, of Huntsville, died Nov. 21. He retired from the Marshall Center in 1975 as deputy director of systems in the former Science and Engineering Directorate. He is survived by his wife, Christine R. Richard.

Center Announcements

IFM Core Financial awards ceremony set for Monday

NASA's Integrated Financial Management Core Financial awards ceremonies will be from 3-5 p.m. Monday in Bldg. 4200, Morris Auditorium.

IFMP War Room sets new operating hours

New hours for the Integrated Financial Management Program War Room are now in effect. Operating hours are Mondays noon-5 p.m.; Tuesdays-Thursdays 8 a.m.-5 p.m.; and Fridays 8 a.m.-noon.

SHARP mentors needed for student education programs

The Marshall Center's Education Programs Department needs volunteers to work with students participating in the 2003 NASA Summer High School Apprenticeship Program. SHARP offers high school students opportunities to participate in an eight-week science and engineering program. Researchers and other science and engineering professionals are encouraged to volunteer as mentors. For more information, call 544-6025.

Mentors needed for Equal Opportunity program

Employees in Marshall's technical directorates are encouraged to volunteer as mentors for the 2003 Equal Opportunity Office Summer Internship Program. For more information, call Madeline Hereford at 544-7420.

NASA Ski Week reservations being accepted

The 12th-annual NASA Ski Week will be at Big Mountain ski resort in Montana Feb. 22-March 1, 2003. This is a 3,000-acre ski resort overlooking Glacier National Park. All Marshall team members, retirees, spouses and dependents are eligible to participate. For more information, call 233-0705 or e-mail Thomas.S.Dollman@msfc.nasa.gov.

Art Stephenson to speak at AIAA luncheon Wednesday

Marshall Director Art Stephenson will speak at the American Institute of Aeronautics and Astronautics luncheon from 11 a.m.-1 p.m. Wednesday. The event will be at the Radisson Hotel in Huntsville. Cost for lunch is \$12. For reservations, call Tom Hancock at 961-4002.

Three Marshall satellite educator centers open

The Marshall Center's Education Resource Programs Office has negotiated with three universities in Alabama to house and operate satellite Educator Resource Centers. These centers, at the University of Alabama in Birmingham, Alabama State University at Montgomery, and the University of South Alabama at Mobile, will dispense materials and hold workshops using NASA education materials.

NASA Exchange sponsors jewelry sale

NASA employees, contractors, retirees, families and friends can take advantage of a 14k gold and sterling silver jewelry sale from 8:30 a.m.-4 p.m. Monday in the Bldg. 4203 lobby. A variety of jewelry will be offered at discounts. For more information, call Candy Bailey at 544-7565.

Management Operations retirees meeting set for Dec. 19

Due to the holidays, the regularly scheduled meeting of the Management Operations Office retirees will be at 10 a.m. Dec. 19 at the Cracker Barrel restaurant in Madison. For more information, call 539-0042.

Shoe discount offered for Marshall employees

Marshall employees, contractors, retirees, friends and family members can receive 30 percent off at Shoe Carnival in Huntsville from Thursday-Sunday. Just mention the "NASA Friends and Family" offer to receive the discount.

IEEE meeting set Friday

The Huntsville Section of the Institute of Electrical and Electronics Engineers meeting will be from 11:15 a.m.-1 p.m. at Papa Lovetti's in Huntsville on University at Sparkman Drive. For more information, call Sonya Hutchinson at 544-3312.

'Buckle Up for Safety' day is Friday

The Marshall Safety and Health Action Team is encouraging Marshall team members to use their seat belts and "buckle up for safety" on Friday and make it a regular driving habit.

'One NASA' e-mail changes to affect civil servants

Marshall, along with other NASA centers, will adopt new e-mail addresses for civil servants in accordance with the "One NASA" initiative. The changes go into effect Monday. The new e-mail addresses will not use a Center identifier as part of the address. For example, jane.doe@msfc.nasa.gov will become jane.a.doe@nasa.gov, which adds a middle initial, but eliminates the field Center. This will develop a unified, Agency-wide, e-mail system. For more information, see "Inside Marshall."

Travel voucher update

The Travel Office has experienced delays in completing payments in the last few weeks. Issues related to these delays are being worked. Please do not call or e-mail the Travel Office to obtain payment status information as this delays the staff correcting the problem.

Federal Express packages due no later than 2:30 p.m.

The deadline for Federal Express packages to be at the mail room in Bldg. 4200 is 2:30 p.m. if you expect your package to go out the same day. Any packages brought in later than 2:30 p.m. will be shipped the following day. The FedEx Manager system requires a recipient's phone number on Form 4182.

Employee Ads

Miscellaneous

- ★ Belt sander, \$65; router w/bits, \$45; router table, \$40; table saw & table, \$450. 881-8648
- ★ Thomasville oak queen bedroom set: bed, triple dresser, mirror, nightstand, chest-of-drawers, \$900. 722-5252
- ★ LazyBoy sofa & love seat, \$400; kitchen table, white w/butcher-block top, three chairs, \$50. 828-6129
- ★ Wood-burning fireplace insert, 36", dual speed thermostatically controlled fan, doors w/windows, \$950. 533-4748 evenings
- ★ Western saddle, 14", \$200. 714-3576
- ★ Old English veneer dresser & vanity with round mirrors, \$250 obo. 653-4333
- ★ P3-500MHz CPU, \$35; ATI 8MB AGP video, \$10; KVM switch w/cables, \$20. 772-8712
- ★ Girl's TreK bike, suitable for 6-9 yr. old, \$50. 881-3104/Huntsville
- ★ Two microwave ovens, \$20 each; two bar stools (chairs), \$10 each. 534-3393/714-0581
- ★ Yamaha GT80 motorcycle, all original, \$600; Craftsman 13.2V cordless drill, batteries, charger, case. \$30 325-6000
- ★ Hitch & 6' chrome rails for full-size Chevy pickup, \$85 each; \$170 both. 461-7662
- ★ Bose 901 speakers, pre-amp, stands, \$875 obo. 922-1424
- ★ Nordic Flex Gold, power meter, butterfly attachment, manual, operational video, \$200. 837-6797
- ★ Queen-size mattress, box springs, and chest of drawers, make offer. 412-445-1174
- ★ Previously viewed DVDs, includes Pearl Harbor, Good Will Hunting, etc, \$5 & up. 895-0148
- ★ Wood burning stove, \$200; lighting fixtures, \$10 each; 30" bathroom vanity, countertops, \$50 each. 880-8734
- ★ Pro-Sport climber exercise machine, \$100; Sears Kenmore undercounter dishwasher, \$60; Electrolux canister vacuum. 881-6040
- ★ Three 8' creosoted corner posts, \$5 each; Fifteen 7" cast-iron fence posts, \$1.50 each. 721-9601
- ★ Green Bay Packers reversible nylon jacket w/hood, never worn, Youth size/ladies small, \$25. 885-2401
- ★ NordicTrack "Achiever", oak frame, electronic workout computer, \$350; Schwinn Air-Dyne, timer/speed/distance, \$350. 882-1413
- ★ AKC registered chocolate Lab, 7 months old, shots, male, \$75 obo. 797-0298
- ★ Lane sectional sofa, rose, recliners at both ends, \$325 obo. 539-7858
- ★ RANS rocket recumbent bicycle, 2002 model, less than 300 miles, \$750. 864-8183
- ★ Antique oak washstand, pre-1891, \$375; mirrored chest-of-drawers, circa 1900, \$450. 256-881-5043

- ★ Universal fit, dual container grass bagging system for riding mower, \$65. 256-498-1179 after 5 p.m.
- ★ IMAC computer, \$500. 536-5132
- ★ 1987 Fender Telecaster, sunburst finish, Rio Grande Humbucking pick-ups, \$400. 882-5199
- ★ Set of "Christmas in Decatur" Limited Edition ornaments by Pilot Club, Decatur, AL, \$200. 353-5106
- ★ Minolta Master VHS-C camcorder w/bag, Duracell 3-hr. battery/charger, all manuals & accessories, \$100. 880-1544
- ★ Drill press, 16-speed, 1HP motor, 5/8" chuck, ShopFox mobile base, \$200. 216-8868
- ★ Two female Siberian Huskies, 6-months old, good w/children, \$125 each. 776-9506/776-4496
- ★ Whirlpool electric washer & dryer, large capacity, almond, \$350. 318-2921
- ★ Bicycles, 1 men's, 1 women's, \$50 ea., \$75 both; apartment refrigerator, \$75. 881-0602 after 5 p.m.
- ★ Graco 6-speed swing, \$30; Graco infant car seat & mount, \$15. 722-2109
- ★ Blue baby stroller, 3 positions, brakes, seatbelt, shade, adjusts from front to back, \$30. 830-2492
- ★ Red race car waterbed, \$75. 859-2633
- ★ Para-oridance P-14 pistol; 45ACP, \$675; Bach Stradivarius trumpet, \$1,300; Playstation games. 851-8085
- ★ Formal dress, navy blue, size 4, sequined bodice, chiffon skirt, scarf, V-neck, sleeveless, \$60. 883-7187
- ★ Ultra-glide, used less than 5 times, \$100 obo. 971-1843
- ★ Telescope w/tripod, box of lenses, \$150 obo. 830-1844
- ★ Desert Rose Franciscan Ware, USA, assorted pieces, including rare tall salt & pepper shakers. 256-881-0278
- ★ 800MHz Hewlett-Packard, 256MB ram, CD Writer, 17" monitor, Norton installed, \$500. 990-6214
- ★ Soloflex exercise machine. \$150. 653-0667.
- ★ Assault-style pellet rifle, one pump w/auto feed chamber, 650 ft. per sec., folding stock. \$50. 306-0700

Vehicles

- ★ 1999 Honda CRV EX, automatic, 4WD, CD player, garage kept, 46K miles, \$15,000. 353-0370/565-3022
- ★ 2001 Honda Civic Ex sedan, automatic, 43K miles, a/c, disc/am/fm, door locks, cruise, \$14,500. 830-8435
- ★ 1990 Plymouth, Sundance, high miles, AT, 4-door, PS/PB, rough paint, \$600 obo. 256-931-2822/Jerry
- ★ 2000 GMC Safari, Hi-Top conversion van, TV, VCP, N64, leather, 6-CD changer, \$19,900. 256-325-3696
- ★ 1999 Honda CR-V EX, AWD, CD, power windows/locks, cruise, EC, \$13,750. 864-8183

- ★ 1996 Dodge Grand Caravan SE, 132K miles, 2nd sliding door, rear air, \$5,600. 864-3236/656-8902
- ★ 1987 Chevy van, captain's chairs, class 3 hitch. 256-430-6162
- ★ 2000 BMW 328i, orient blue, gray leather, premium package, 43K miles, extended warranty, \$26,500. 539-0123
- ★ 1990 Chrysler Lebaron convertible, dark red, power windows, doors, roof, 200K miles, \$2,850. 830-5875
- ★ 1996 Dodge Grand Caravan LE, dual doors and air, white, 125K miles, \$6,600. 527-7743
- ★ 1972 Boise motorhome, 32K miles, \$5,000; 1980 Datsun 200SX, 5-speed hatchback, \$1,500. 256-881-9150
- ★ 1997 Lexus LX450, loaded, black, 91K miles, \$19,500. 350-2927 after 4:30 p.m.
- ★ 1994 Mazda Protégé DX, automatic, 120K miles, new tires, \$2,150. 830-0166
- ★ 1996 Chevy Blazer, green, 125K miles, \$7,000 obo. 426-8700
- ★ 1986 Acura Integra LS, 2-door, red, auto, a/c, 225K miles, one-owner, paint faded, \$950. 256-828-1234

Wanted

- ★ "This End Up" student desk, 42"Lx24"Dx30"H, traditional non-lacquered honey pine finish. 895-0322
- ★ Copy of "Pictorial History of Huntsville" by Dave Dooling. 883-2863
- ★ Power Wheels Jeep(s) for parts. 895-6640
- ★ Used outboard motor in running condition, 20HP or similar. 256-582-4390
- ★ Charger for HP45 calculator. 256-864-0362
- ★ Motherboard for Pentium 200MMX and SDRAM PC100 memory, 32 or 64mb. 457-9940/lv msg.
- ★ Small bookshelf and couple of barstools. 457-9940/lv. msg.
- ★ To adopt, large male dog, 90/100 lbs, tolerant of cats. 828-0554

Free

- ★ Three power wheels battery chargers. 895-6640
- ★ Working KichenAid built-in dishwasher; 42" glass door fireplace screen. 881-2351
- ★ Concrete slab, all sizes, suitable for landscaping, fill, or erosion control. 880-6335/Keith
- ★ Female puppy, 5-months, boxer/lab, all shots, very friendly. 464-8506

Found

- ★ Ladies gold earring, Bldg. 4202, north parking lot, December 2. Call 544-3793 to claim/identify
- ★ Key, auto, Bldg. 4200, November 22. Call 544-3623 to claim/identify
- ★ U.S. currency, Bldg. 4203 Lobby. Call 544-3623 to claim/identify

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